

What is claimed is:

1. A focusing optic assembly comprising:
 - a focusing optic defining an optical axis;
 - a coarse drive unit for displacing said focusing optic along
said axis;
 - 5 said coarse drive unit including a coarse belt drive for
operatively connecting said coarse drive unit to said focusing
optic;
 - a fine drive unit for displacing said focusing optic along
said axis; and,
 - 10 said fine drive unit including a fine belt drive for
operatively connecting said fine drive unit to said focusing
optic.
2. The focusing optic assembly of claim 1, wherein said focusing
optic is a monocular.
3. The focusing optic assembly of claim 2, wherein said
monocular is a telescope.
4. The focusing optic assembly of claim 1, further comprising:
 - a frame;
 - said coarse drive unit including a coarse actuating element
mounted on said frame for actuating said coarse belt drive;
 - 5 said fine drive including a fine actuating element mounted
on said frame for actuating said fine belt drive; and,
 - said coarse actuating element and said fine actuating
element being disposed in spaced relationship to each other.

5. The focusing optic assembly of claim 4, said coarse drive unit including:

a coarse output shaft rotatably journaled in said frame;

said coarse belt drive including a first coarse

5 direction-changing roller fixedly connected to said coarse output shaft so as to rotate therewith; and,

said coarse actuating element being fixedly connected to said coarse output shaft so as to impart rotation thereto and to said first coarse direction-changing roller when actuated by an
10 operator.

6. The focusing optic assembly of claim 5, said fine drive unit including:

a fine output shaft rotatably journaled in said frame;

said fine belt drive including a first fine

5 direction-changing roller fixedly connected to said fine output shaft so as to rotate therewith; and,

said fine actuating element being fixedly connected to said second output shaft so as to impart rotation thereto when actuated by an operator.

7. The focusing optic assembly of claim 6, said coarse and fine output shafts having respective ends disposed in said frame so as to be mutually adjacent; and, said coarse and fine drives being likewise arranged so as to be mutually adjacent.

8. The focusing optic assembly of claim 7, said coarse and fine output shafts conjointly defining a common center axis; and, said coarse actuating element and said fine actuating element being coaxial to said common center axis.

9. The focusing optic assembly of claim 8, said coarse and fine actuating elements being disposed one behind the other along said common center axis and being offset with respect to said optical axis.

10. The focusing optic assembly of claim 9, further comprising:

a threaded spindle connected to said focusing optic;

a nut threadably engaging said spindle;

said coarse drive unit including a second coarse

5 direction-changing roller mounted on said nut so as to impart rotation thereto thereby moving said spindle to effect a coarse adjustment of said focusing optic; and, a coarse toothed belt connecting said first and second coarse direction-changing rollers and said first and second coarse direction-changing
10 rollers each having a set of outer teeth for meshing with the teeth of said coarse toothed belt; and,

said fine drive unit including: a second fine
direction-changing roller mounted on said nut so as to impart
rotation thereto thereby moving said spindle to effect a fine
15 adjustment of said focusing optic; and, a fine toothed belt connecting said first and second fine direction-changing rollers and said first and second fine direction-changing rollers each having a set of outer teeth for meshing with the teeth of said coarse toothed belt.

11. The focusing optic assembly of claim 10, a tensioning device for imparting a predetermined tension to each of said coarse and fine toothed belts.

12. The focusing optic assembly of claim 1, wherein said fine

drive unit is configured so as to provide a positioning of said focus optic which is more precise by a factor of three than said coarse drive unit.

13. The focusing optic assembly of claim 6, wherein said coarse and fine output shafts are telescopically mounted one inside the other.